BNG-SS5010 Graphene Paste

BNG-SS5010 is a common graphene paste designed for water-based paints. It is made of graphene (1~3 layers) and deionized water. Graphene single layer percent reaches 95%. It is applicable for various water-based paints.

Features

- It is in paste shape, no dust pollution, easy to add and disperse.
- Graphene is thin and pure, no dispersant inside, it has good compatibility with other systems.
- The paste has good stability, the graphene keeps in single layer and dispersed condition.
- It is easy to disperse in paints, it gives super electric & thermal conductivity and anti-corrosion features to paints.
- It can be processed with grinding, high-speed shearing/mixing, milling or emulsifying.

<table>
<thead>
<tr>
<th>Model</th>
<th>Shape</th>
<th>Content</th>
<th>Thickness</th>
<th>Size D50</th>
<th>Stability</th>
<th>Dispersant</th>
<th>Solvent</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNG-SS5010</td>
<td>Gray Paste</td>
<td>5±0.5%</td>
<td>1-3 layers</td>
<td>7-10μm</td>
<td>Grease</td>
<td>No</td>
<td>Deionized water</td>
</tr>
</tbody>
</table>

Storage

- Apply proper protective gloves and clothes when handling the product. Avoid direct contact with the product with body. Use large amount of water to wash once stained with the paste. AA little solvent dissolves out after a long time storage, which is normal situation, mix manually before using.
- Store in cool and clean place with good ventilation. Use immediately once unpacked. Prevent the left product from exposing to air for long time or keep it sealed firmly again.

Transportation

- Avoid sunlight, rain, leaking. Label should be firmly pasted. Do not throw, transport and handle gently. Apply anti-freezing measures in cold temperature.

Packing

- 20kg/pack, customized packing is acceptable.